

<p>Kard, P. THEORY OF INTENSIFICATION OF LIGHT TRANSMITTANCE BY OPTICAL SURFACES. [1962] 15p. 6 refs. Order from OTS or SLA \$1.60      62-10972 <i>OSTOJAKI</i></p> <p>Trans. of Loodus ja Matemaatika (USSR) 1959, no. 1, p. 67-85.</p> <p>DESCRIPTORS: Light, *Light transmission, Theory, *Optics, Surfaces, Coatings, Metal coatings, Reflection, Refractive index.</p> <p><i>NLN M 8955</i></p> <p>(Physics--Optics, TT, v. 8, no. 6)</p>	<p>62-10972</p> <p>1. Kard, P.</p> <p>Office of Technical Services</p>
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<p>Trans. of mono. <u>Loposti Gidroturbin. Kavitatsionnyye Razrusheniya, Issyskaniye i Issledovaniya Materialov.</u> Moscow, 1958, contents, chap. I and conclusions in chaps. 2-4.</p>	<p>I. Turbine blades--Materials I. Kryanin, I. R. II. RTS-1330 III. Department of Scientific and Industrial Research (Gr. Brit.)</p>
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AP 569831

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7 PP

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[462]p. USASIA Trans. Log no. 1380, pt. 1.  
Order from OTS or SLA \$23.50      62-32503-1

Trans. of mono. [Luchistyl Reploobmen v Atmosfere]  
Leningrad, 1956, chaps. 1-5, foreword and table of  
contents.

**DESCRIPTORS:** \*Atmosphere, \*Heat transfer,  
\*Thermal radiation, Measurement, Absorption,  
Blackbody radiation, Meteorology, Geophysics,  
Numerical methods and procedures.

**Contents:**

Thermal radiation, basic definitions and concepts  
Principles of the theory of actinometric measurements  
of thermal radiation fluxes  
(Earth Sciences--Meteorology, TT, v. 8, no. 8)  
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- II. USASIA Trans-1380, pt. 1
- III. Army Signal Intelligence  
Agency, Arlington, Va.
- IV. Systems Engineering  
Facility, RCA Service  
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Order from OTS or SLA \$22.25      62-32503-2

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Leningrad, 1956, chaps. 6-8 and bibliography.

**DESCRIPTORS:** \*Atmosphere, \*Heat transfer,  
\*Thermal radiation, Meteorology, Temperature,  
Mathematical analysis.

**Contents:**

Counter-radiation of the atmosphere and effective  
radiation and counter-radiation

Radiation balance

Variation of temperature in the atmosphere due to  
radiant heat exchange. (See also 62-32503-1)  
(Earth Sciences--Meteorology, TT, v. 8, no. 8)

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Order from OTS \$6.50 9207557 61-31195

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DESCRIPTORS: \*Agriculture, \*Soils, Economics,  
\*Plants, \*Grasses, \*Food, \*Cattle, Biology, Ecology,  
Geography, Classification, Water supplies, \*Fertility,  
Growth, Forestry, \*Swamps.

General information is given in this textbook on the  
biology and ecology of forage plants (Chapter I), which  
is essential for the understanding of the other chapters  
of this course. Fodder crops, poisonous, and noxious  
plants are described (Chapter II). A clear picture of  
fodder characteristics in the different natural zones  
(Agriculture, TT, v. 9, no. 7) (over)

- 1. Title: Crop rotation
- 2. Title: Hay
- I. Larin, I. V.
- II. PL-48 Agr (61-31195)
- III. National Science Foundation  
Washington, D. C.

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INVESTIGATION OF ADSORPTION AND SURFACE  
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Order from ATS \$12.50

ATS-97N57R

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no. 3[8] p. 161-167.

DESCRIPTORS: \*Adsorption, \*Surface properties,  
\*Ethanol, \*Methanol, \*Aluminum compounds,  
Oxides, Infrared spectroscopy.

(Chemistry--Physical, TT, v. 7, no. 9)

- I. Babushkin, A. A.
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ID 2204021867

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CIA/FDD/U-7103

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Sci - Medicine; Biology

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JPRS 15320

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RUSSIAN, bk, Luminestsentsiya Radkozemel'nykh  
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Jul 67

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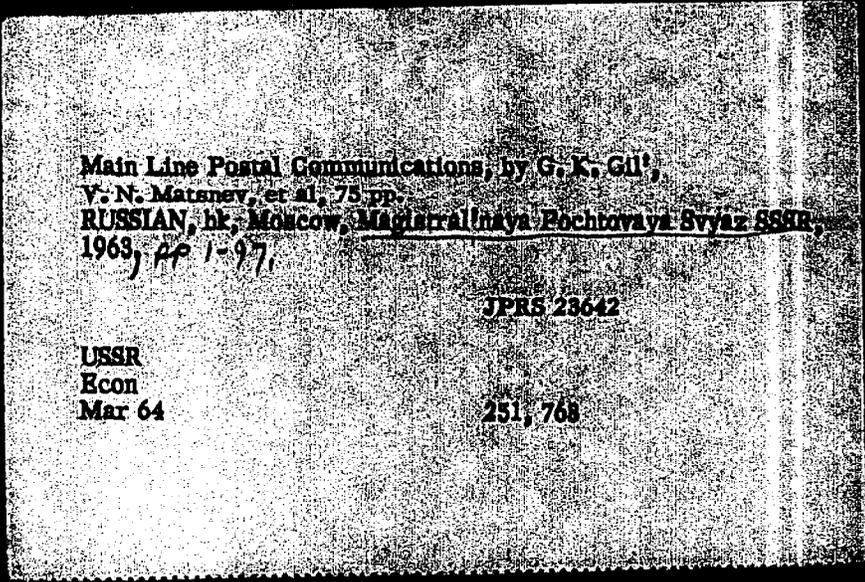
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10 pp.

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JPRS 13535

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JPRS 14224

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JUN 62

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WITH RECTANGULAR HYSTERESIS LOOPS AND METHODS  
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JPRS 14902

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AUG 62

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BY V. V. KOBELEV, 65 PP.

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JPRS 14902

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AUG 62

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JPRS 14902

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Order from Scripta Technica, Inc., 1000 Vermont  
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Trans. of mono. [Magnitnaya Gidrodinamika, Moscow,  
1962, 246p].

DESCRIPTORS: \*Magnetohydrodynamics; Equations,  
\*Plasma physics.

(Physics--Electronics, TT, v. 10, no. 12)

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I. Kulikovskii, A. G.  
II. Lyubimov, G. A.  
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Washington, D. C.

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61-13167

Nikol'ski, A. P.  
ON THE DISTRIBUTION OF ACTIVE PERIODS OF  
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24 HOURS) IN HIGH LATITUDES, tr. by T. C. Mar-  
wick. [1961] [9]p. (2 figs. omitted) 6 refs. Trans-22  
[DSIR LLU] M 1843.  
Order from OTS or SLA \$1.10      61-13167

Trans. of Magnitno-Ionosfernye Vozmushcheniya  
(USSR) 1959, no. 1, p. 7-11.

DESCRIPTORS: \*Terrestrial magnetism, Arctic  
regions, \*Magnetic storms, \*Ionospheric disturbances

In the course of the magnetic disturbances during one  
day (of 24 hours) there actually are intervals corre-  
sponding to all four Stormer zones, when the probabili-  
ty of the origin of active periods (irregular magnetic  
disturbances) increases.

(Physics--Magnetism, TT. v. 6, no. 8)

I. Nikol'ski, A. P.  
II. Trans-22  
III. DSIR LLU M. 1843

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Nikol'skii, A. P.  
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4 refs. Trans-23; [DSIR LLU] M 1844.  
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I. Nikol'skii, A. P.  
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Trans. of Magnitno-Ionosfernye Vozmushcheniya  
(USSR) 1959, no. 1, p. 30-33.

DESCRIPTORS: \*Terrestrial magnetism, \*Magnetic  
storms, Arctic regions, Antarctic regions.

177624

If we start from the charts of the isochrones for the  
Arctic and the Antarctic, the magnetographs of the  
Mirny station, apparently, are the most suitable for  
comparison with the magnetographs of the stations  
situated on the northern and south coasts of Iceland or  
on the east coast of Greenland between 65° and 75°  
north geographical latitude. For a comparison between  
other stations we should start from the situation of  
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Sci - Geophys, Astron  
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Jul 61

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JPRS 13505

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Apr 62

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AME Tr-4518

Sci - Phys  
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ACIC-TC-918

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WITH A LONGITUDINAL CUT. [1961] [11] p. 1 ref.  
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